Email This Letter

06 December 2006

Anne-Marie Sahazizian
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Re: P1712 - Guide for Sulphur Hexafluoride (SF6) Gas Handling for High Voltage Equipment

Dear Anne-Marie:

I am pleased to inform you that on 06 December 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2010. A copy of the file can be found on our website at http://standards.ieee.org/board/nes/projects/1712.pdf.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at http://standards.ieee.org/guides/par/roster.xls. Please forward this list to me via e-mail at s.hampton@ieee.org no later than 06 March 2007.

Please visit our website, IEEE Standards Development Online (http://standards.ieee.org/resources/development/index.html), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at s.hampton@ieee.org.

Sincerely,

Sherry Hampton
Administrator, Governance
Standards Activities
Phone +1 732 562 6003
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Email: s.hampton@ieee.org

CC: HannaEssa.Abdallah@aps.com, stds-pes-scc@ieee.org, lvanderz@epri.com

PAR Request Date: 18 October 2006

PAR Approval Date: 06 December 2006

PAR Signature Page on File: Yes

Type of PAR: New IEEE Standard

Status: PAR for a New IEEE Standard

Root Project:

1.1 Project No.: **P1712**

1.2 Type of Document: Guide

1.3 Life Cycle: Full-Use

1.4 Is this document in ballot now? No

2.1 Title
Guide for Sulphur Hexafluoride (SF6) Gas Handling for High Voltage Equipment

2.1 Amendment/Corrigenda Title

3.1 Working Group Name	High Voltage SF6 Gas
Working Group Chair	van der Zel, Gordon Luke Phone: 704-595-2232 Email: lvanderz@epri.com
Working Group Vice Chair	Arora, Arun Phone: 303-670-0399 Email: arun.arora@ptd.siemens.com
3.2 Sponsor	IEEE Power Engineering Society Substations (PE/SUB)
Sponsor Chair	Abdallah, Hanna E Phone: 602-371-6524 Email: HannaEssa.Abdallah@aps.com
Name of Standards Liaison Representative (if applicable)	Sahazizian, Anne-Marie Phone: 416-345-6657 Email: AM.Sahazizian@HydroOne.com
3.3 Joint Sponsor	

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: October 2007

4.3 Projected Completion Date for Submittal to RevCom: February 2008

5.1 Approximate number of people expected to work on this project: 40

5.2 Scope: This guide describes significant aspects of handling SF6 gas used in electric power equipment such as gas recovery, reclamation, recycling in order to keep the gas permanently in a closed cycle and avoiding any deliberate release in environment.

5.3 Is the completion of this document contingent upon the completion of another document? No

5.4 Purpose: To provide state-of-the-art technologies and procedures to minimize SF6 gas emission to a minimum functional level for the electric power equipment to preserve the environment. This Guide will include all the aspects for consideration during commissioning and recommissioning, topping up, refilling, checking the gas quality at site, sampling and shipment for off-site gas analysis, recovering and reclaiming during normal operation and at the end of the life of power equipment while dismantling. This Guide also presents the state-of-the art tools and measuring devices including the necessary personnel protective equipment. The basis for the preparation of this Guide is CIGRE Brochure No. 276 - Guide for preparation of Customised " Practical SF6 Handling Instructions", August 2005 edition which was developed by the Study Committee B3, Task Force B3.02.01.

5.5 Need for the Project: There is no such guide available to U.S. users at this time, other than the guide lines provided by individual manufacturers on project by project basis.

5.6 Stakeholders for the Standard: The stakeholders are utility engineers, consulting, power equipment manufacturers, etc.

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes **Presented Date:** 2006-08-18
If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? Yes
If yes, please explain: CIGRE document 276, August 2005, Copyright@2005 forms the basis for development of the proposed Guide. CIGRE approved the use of their document by IEEE provided a CIGRE reference is made accordingly.

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No
If yes, please explain:

7.1 Are there other standards or projects with a similar scope? Yes
If yes, please explain:
CIGRE document 276, Guide for the Preparation of Customised "Practical SF6 Handling Instructions", Task force B3.02.01, August 2005
Sponsor Organization: CIGRE
Project/Standard Number: B3.02.01
Project/Standard Date: 0000-00-00
Project/Standard Title: CIGRE Document 276, Guide for the preparation of Customised " Practical SF6 Handling Instructions"

7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ? Do not know at this time
Technical Committee Name and Number:
Contact person:
Contact person Phone Number:
Contact person Email Address:

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No
Amongst other gases, SF6 gas has been identified as a potent greenhouse gas, 22,500 times more effective at trapping infra-red radiation than an equivalent amount of CO2 with an atmospheric lifetime of 520 years. CO2 contributes to global warming that results in change of environmental conditions. Serious considerations for prevention of SF6 gas release in atmosphere are necessary to curtail emission to the highest degree . To achieve this objective, guidelines are presented in this Guide for handling of SF6 gas.

7.4 Additional Explanatory Notes:

8.1 Sponsor Information:
Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes
If no, please explain: